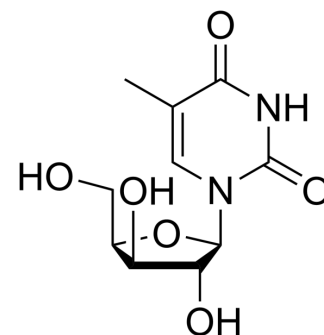


1-(β-D-Xylofuranosyl)-5-methyluracil

Cat. No.:	HY-152667
CAS No.:	52486-19-8
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O ₆
Molecular Weight:	258.23
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-(β-D-Xylofuranosyl)-5-methyluracil is a thymidine analog. Analogs of this series have insertional activity towards replicated DNA. They can be used to label cells and track DNA synthesis^[1].

REFERENCES

- [1]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.
- [2]. Cavanagh BL, et al. Thymidine analogues for tracking DNA synthesis. *Molecules.* 2011 Sep 15;16(9):7980-93.

Caution: Product has not been fully validated for medical applications. For research use only.

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